



# EI-news

## IRTS supporting Amateur Radio



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[newsteam@irts.ie](mailto:newsteam@irts.ie) November 2013

### IARU Anniversary Theme 2014

April 18<sup>th</sup> each year is **World Amateur Radio Day** which celebrates the founding of the International Amateur Radio Union (IARU) in 1925. The theme '*Amateur Radio: Your Gateway to Wireless Communications*' has been chosen for the day in 2014. In 100 years our hobby has evolved from crude spark-gap technology to digital signal processing and software-defined radios. The IARU understands that the date is close to Easter and encourages activity earlier or later to gain as much exposure and publicity as possible for modern and accessible amateur radio. <http://www.iaru.org/news--events.html>

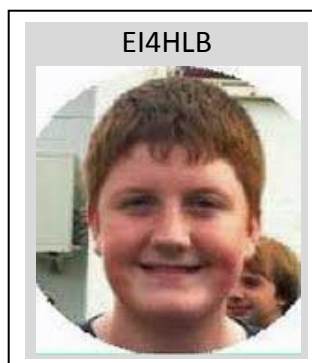
### EI2EEN

The **South Eastern Amateur Radio Group** will take part in an exhibition by Artist Sarah Brown in the Irish Museum of Modern Art commemorating the life and work of renowned Irish architect and designer Eileen Gray. **SEARG** will operate **EI2EEN**, a special event station, from the West Wing Galleries of the Royal Hospital, Kilmainham, Dublin from Saturday October 12<sup>th</sup> until early 2014. The station will transmit parts of a poem entitled '*Something Permanent*' by Irish poet Alice Lyons written to mark the occasion. The translation in Morse code is a form of minimal communication that shares qualities of invisibility and secrecy resonant with Eileen Gray's architectural practice. The CW transmissions will take place from 12-4pm on Saturdays and will most likely be on 40 or 20 meters depending on band conditions.



### Ireland's youngest Ham!

The most recent Amateur station Licence Examination took place on Thursday October 10<sup>th</sup> in the ComReg Offices in Dublin. Congratulations to all those who passed especially **Jordan Cummins** aged 14 who has now become Ireland's youngest Ham. Jordan was one of the EI team who attended YOTA in Estonia in August and was motivated to study for and sit the HAREC Exam just 2 months later, a remarkable achievement. Well done Jordan!



### Amateur Radio Emergency Network

AREN Northeast is to undertake Communications Training in Townley Hall Woods on Wednesday November 6<sup>th</sup>. This training is designed to test the "usability" of the 4m (70MHz) band as a backup for their main AREN 2m frequency. Operators are asked to bring their 4m handheld radios. Operation will be on portable devices and mobile radios using 5 watts output only. The exercise will take place no matter what the weather, so please dress accordingly. [www.facebook.com/aren.northeast](http://www.facebook.com/aren.northeast)

### Science Week

Science Week 2013 takes place from the 10<sup>th</sup>-17<sup>th</sup> November. To find out more about events and resources please visit [www.scienceweek.ie](http://www.scienceweek.ie)

## Rallies & Events

**Mayo Radio Experimenters Network Annual Rally, Sunday November 17<sup>th</sup>** at the Welcome Inn, Castlebar, Co. Mayo. Doors open 11am. Entry fee 5 euros. Trade stands, IRTS Stand (QSL Cards), Bring & Buy, Disabled facilities, Lectures, Raffle. For more information and details contact Padraig Baynes EI9JA on 0876957154 at [pbaynes1@eircom.net](mailto:pbaynes1@eircom.net) or see [www.ei7mre.org](http://www.ei7mre.org)



**Foyle and District ARC Rally, Sunday November 3<sup>rd</sup>** at the White Horse Hotel, 68 Clooney Road, Londonderry BT47 3PA. Doors open at 11.30am. For further information contact Nigel GI7FJY at [gi7fjy@hotmail.com](mailto:gi7fjy@hotmail.com)

**Bangor & District Amateur Radio Society "Surplus Sale", Thursday November 7<sup>th</sup>** in "The Boathouse", Groomsport. All are welcome. Doors open 8pm. Admission £2. Contact Peter MI6NID at [peter@castleantiques.co.uk](mailto:peter@castleantiques.co.uk)

### Members Advertisements

#### For Sale:

Icom IC-746, HF, 6m, 2m transceiver, 100W. 725 euros. Pristine Condition.

Icom IC-720A, older HF transceiver, full working order. 380 euros. Fist mics with both.

Contact Anthony EI2KC at 0868335055 or [hamradioireland@gmail.com](mailto:hamradioireland@gmail.com)



### The Indestructible LDMOS FET

A new Laterally Diffused Metal Oxide Semiconductor or LDMOS type Field Effect Transistor designated as BLF578XR has been developed by NXP Semiconductor. This is for use as an RF power amplifier in broadcast and industrial applications. The new device is rated at 1400 Watts output, 50 Volts DC with a gain of 23.5 dB and an efficiency of 69%. Even more amazing, it is designed to survive a 125 to 1 or higher VSWR and as such it is almost indestructible. The current price of a single unit BLF578XR transistor is 230 Euros or about 300 US dollars but like most semiconductors, it should come down in price over time.

### SWL: Broadcast

**The British DX Club's (BDXC)** publication '*Broadcasts in English*' B-13 Winter edition will be available from December onwards. Prices including postage UK £3, Europe 5 Euros or 6 IRCs, Rest of World £5, US \$7 or 6 IRCs. A pdf version is also available on request at the above rates from [bdxc@bdxc.org.uk](mailto:bdxc@bdxc.org.uk) All orders by post should be sent to the British DX Club, 10 Hemdean Hill, Caversham, Reading, RG4 7SB, UK. More on the BDXC at [www.bdxc.org.uk](http://www.bdxc.org.uk)



## Contests

### November 2013

**02-03** - 24 Hrs from 1200z on 2<sup>nd</sup> – Ukrainian DX Contest - CW/SSB - RS(T) + Serial No.

**09-10** - 48 Hrs from 0000z on 9<sup>th</sup> – Worked All Europe DX Contest - RTTY - RS(T) + Serial No.

**09-10** - 30 Hrs from 0700z on 9<sup>th</sup> – JIDX DX Contest- SSB – RS + CQ Zone (14)

**15-15** - 06 Hrs from 1600z on 15<sup>th</sup> - YO Int. PSK 31 Contest-BPSK 31-RS(T)+Serial No+Prefix(EI)

**23-24** - 48 Hrs from 0000z on 23<sup>rd</sup> – CQ-WW-DX Contest- CW- RS(T) + CQ Zone (14)

<http://www.uba.be/en/hf/contest-calendar>